

INFORMATION DISCLOSURE CITATION

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AUG 31 2001

ATTY DOCKET NO.

EI-002

SERIAL NO.

09/815,769

John Kroeker et al.

FILING

March 23, 2001

GROUP

2641

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	5,027,408	6/25/91	Kroeker et al.			
✓	5,168,524	12/1/92	Kroeker et al.			
✓	5,369,726	11/29/94	Kroeker et al.			
✓	6,052,682	4/18/00	Miller et al.			
✓	5,799,276	8/25/98	Komissarchik et al.			
✓	5,822,728	10/13/98	Applebaum et al.			
✓	5,822,729	10/13/98	Glass et al.			
✓	5,825,977	10/20/98	Morin et al.			
✓	5,835,890	11/10/98	Matsui et al.			
✓	5,647,002	7/8/97	Brunson			
✓	5,659,542	8/19/97	Bell et al.			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Makhoul, J. and R. Schwartz, State of the art continuous speech recognition, Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 9956-9963, 1995
		Houlding, David, Voice XML and the Voice-Driven Internet, Dr. Dobb's Journal, April 2001

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6/12/03

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	5,687,212	11/11/97	Kinser Jr. et al.			
✓	5,864,614	1/26/99	Farris et al.			
✓	5,083,268	1/21/92	Hemphill et al.			
✓	5,457,768	10/10/95	Tsuboi et al.			
✓	5,687,384	11/11/97	Nagase			
✓	5,729,656	3/17/98	Nahamoo et al.			
✓	5,748,841	5/5/98	Morin et al.			

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	Atlas, L. et al., Quadratic Detectors for General Nonlinear Analysis of Speech, ICASSP, Vol. 2, pp 9-12, 1992
	Okawa, S. et al., Estimation of Statistical Phoneme Center Considering Phonemic Environments, ICSLP, Vol. 2, pp 1069-1072, 1996

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Docket Number (Optional)

EL-002

Application Number

09/815,769

Applicant(s)

John Kroeker et al.

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Kingsbury, B., Perceptually Inspired Signal-processing Strategies for Robust Speech Recognition in Reverberant Environments, dissertation, University of California Berkeley, 1998

Sharma, S., Multi-Stream Approach to Robust Speech Recognition, dissertation, Oregon Graduate Institute of Science and Technology, 1999

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